Overview

Enemy Swim Lake overall has been trending from a eutrophic state to the mesotrophic state, meaning increasing in water quality, reducing nutrient loadings in the lake from non-point source pollution, effectively storing nutrients in the lake bed, and increasing water clarity. These results are due to the watershed land use, as shown in Figure 4. Approximately 48% of the land is considered protected. Land use is shown to be approximately 71% grassland, 5% cropland, 2% developed and 21% water/wetlands, according to past watershed project reports and RMB Labs 2020 Water Quality Report.

Looking to the Future

Although the lake shows overall good water quality, it is vital that improvements and protection continues within the watershed, along and on the lake. These practices include improved grazing practices, buffers along streams and the lake, wetland restorations, and cropland conservation practices such as no-till, crop rotation, and cover crops.

Along with protection within the watershed and on the lake itself aquatic invasive species will also play a role in the water quality of Enemy Swim. Zebra mussels were discovered in Enemy Swim Lake in the summer of 2022. With zebra mussels now living in the lake, they will play a role within the overall food chain and biology of the lake. Curly leaf pondweed, although not currently found in Enemy Swim, is established in local nearby lakes and is cause for threat to Enemy Swim. Practicing of washing and drying of boats, watercraft, and other recreation equipment, and not transporting water from other waterbodies is vital to protect Enemy Swim Lake from other aquatic invasive species.







